

WHAT IS CLAIMED IS:

1. A powder box, comprising  
a housing having a gap, and a pivotal post located near to the gap on  
5 an inner side thereof;  
a gear capable of rotating on the pivotal post of the housing, and  
projecting outwards from the gap of the housing; and  
a containing part having a holding room for containing powder therein;  
the containing part being connected with an inner side of the  
10 housing, and displaceable relative to the housing with a rack thereof  
engaging the gear such that it can be made to project outwards from  
an opening of the housing by means of operating the gear.
2. The powder box as claimed in claim 1, wherein the containing part  
has a stopping portion, which will come into contact with a  
15 corresponding stopping projection formed in the housing for  
preventing the containing part from separating from the housing  
during a course of the containing part projecting outwards from the  
housing.
3. The powder box as claimed in claim 1, wherein the containing part  
20 has a plurality of protrusions and trenches substantially extending  
along a whole length thereof; the protrusions being respectively  
supported on corresponding supporting portions formed on the inner  
side of the housing, and the trenches respectively fitting over

corresponding guiding bars formed on the inner side of the housing  
for guiding the containing part when the containing part is being  
displaced relative to the housing.

4. The powder box as claimed in claim 1, wherein the housing is  
5 comprised of an upper part, and a lower part joined to the upper part.

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